

4-1-1975

Maine Occupational Staffing Patterns, By Industry, Nonmanufacturing except Wholesale, Retail Trade, Government, Hospitals, and Regulated Industries, Data for Second Quarter, 1973

Maine Department of Manpower Affairs

Maine Manpower Research Division

Maine Employee Security Commission

Follow this and additional works at: http://digitalmaine.com/cwri_docs

Recommended Citation

Maine Department of Manpower Affairs, Maine Manpower Research Division, and Maine Employee Security Commission, "Maine Occupational Staffing Patterns, By Industry, Nonmanufacturing except Wholesale, Retail Trade, Government, Hospitals, and Regulated Industries, Data for Second Quarter, 1973" (1975). *Center for Workforce Research and Information Documents*. Paper 691. http://digitalmaine.com/cwri_docs/691

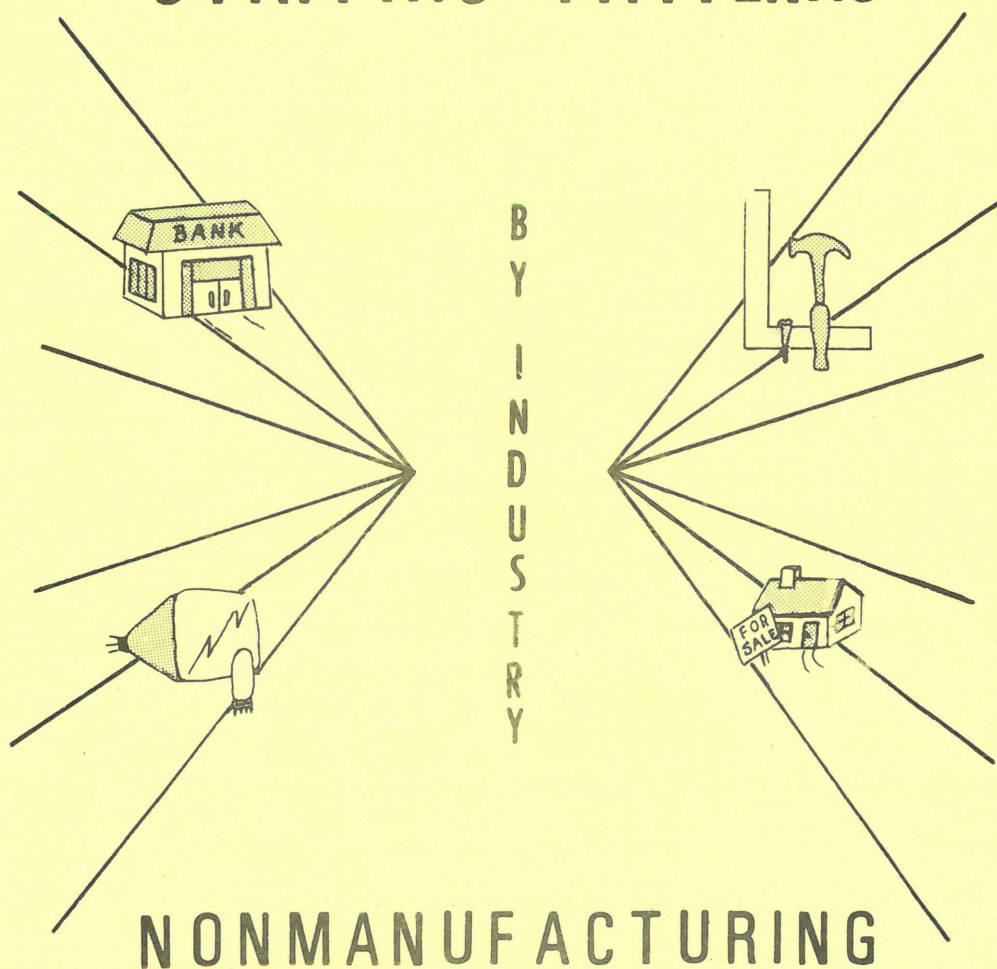
This Text is brought to you for free and open access by the Labor at Maine State Documents. It has been accepted for inclusion in Center for Workforce Research and Information Documents by an authorized administrator of Maine State Documents. For more information, please contact statedocs@maine.gov.

E 55/1725:
976/10

MAINE DEPARTMENT OF MANPOWER AFFAIRS
EMPLOYMENT SECURITY COMMISSION
MANPOWER RESEARCH DIVISION

MAINE STATE LIBRARY

MAINE OCCUPATIONAL STAFFING PATTERNS



EXCEPT

WHOLESALE AND RETAIL TRADE,
GOVERNMENT, HOSPITALS, REGULATED INDUSTRIES,
AND EDUCATIONAL SERVICES

NOV 10 1976

MAINE OCCUPATIONAL STAFFING PATTERNS

by Industry

Nonmanufacturing
except
Wholesale and Retail Trade,
Government, Hospitals, Regulated Industries,
and Educational Services

*This is a cooperative program involving the
Maine Department of Manpower Affairs--Employment Security Commission,
the Bureau of Labor Statistics,
and Employment and Training Administration
of the U. S. Department of Labor.*

Prepared by:
Manpower Research Division
20 Union Street
Augusta, Maine 04330

October 1976

PREFACE

We wish to express our thanks to the many employers who cooperated with us in filling out the questionnaire which supplied the necessary occupational employment data on which the estimates presented herein are based. This publication would not have been possible without their support.

We also wish to extend our thanks to the U. S. Department of Labor, both at the regional level in Boston, and the national level in Washington, D. C., for their assistance in this Federal-State cooperative effort.

TABLE OF CONTENTS

		<u>Page</u>
INTRODUCTION.....		1
TABLES: Occupational Employment Estimates by Industry		
<u>Standard Industrial Classification</u>	<u>Title</u>	
10 & 14	MINING.....	3
15	GENERAL BUILDING CONTRACTORS.....	4
16	HEAVY CONSTRUCTION CONTRACTORS.....	6
161	Heavy and Street Construction.....	8
162	Heavy Construction, N.E.C.....	10
17	SPECIAL TRADE CONTRACTORS.....	12
171	Plumbing, Heating, Air Conditioning.....	14
173	Electrical Work.....	16
41	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	17
412	Taxicabs.....	18
44	WATER TRANSPORTATION.....	19
47	TRANSPORTATION SERVICES.....	20
483	RADIO AND TELEVISION BROADCASTING.....	21
49	ELECTRIC, GAS, AND SANITARY SERVICES.....	22
60	BANKING.....	24
602	Commercial and Stock Savings Banks.....	26
61	CREDIT AGENCIES OTHER THAN BANKS.....	28
62 & 67	SECURITY, COMMODITY BROKERS AND SERVICES, AND HOLDING AND OTHER INVESTMENT COMPANIES..	29
63 & 64	INSURANCE CARRIERS, AGENTS, BROKERS AND SERVICES.....	30
631	Life Insurance.....	32
641	Insurance Agents, Brokers, and Service.....	33
65	REAL ESTATE.....	34
66	COMBINED REAL ESTATE, INSURANCE, LOAN, AND LAW OFFICES.....	35
70	HOTELS AND OTHER LODGING PLACES.....	36
701	Hotels, Tourist Courts, and Motels.....	38

	<u>Page</u>
72 PERSONAL SERVICES.....	40
721 Laundries and Dry Cleaning Plants.....	42
73 MISCELLANEOUS BUSINESS SERVICES.....	43
75 AUTOMOBILE REPAIR, SERVICES, AND GARAGES....	45
753 Automobile Repair Shops.....	47
76 MISCELLANEOUS REPAIR SERVICES.....	49
78 MOTION PICTURE THEATERS.....	50
79 AMUSEMENT AND RECREATION SERVICES, EXCEPT MOTION PICTURES.....	51
80 Except 806 MEDICAL AND OTHER HEALTH SERVICES, EXCEPT HOSPITALS.....	53
809 Health and Allied Services, N.E.C.....	55
811 LEGAL SERVICES.....	57
841 MUSEUMS AND ART GALLERIES.....	58
86 NONPROFIT MEMBERSHIP ORGANIZATIONS.....	59
864 Civic and Social Associations.....	61
89 MISCELLANEOUS SERVICES.....	62
NOTES ABOUT THE TABLES.....	64
METHODOLOGY:	
The Sample.....	65
The Survey.....	65
The Estimating Procedure.....	65
Accuracy of Occupational Employment Data....	66

INTRODUCTION

This publication is the fourth of a continuous series of reports covering occupational employment for selected industries in Maine. The information in these reports relates to the first part of a state "Comprehensive Manpower Information System" which was defined and mandated as early as 1962 with the Manpower Development and Training Act, then the Vocational Education Act of 1963 and as amended in 1968, and again with the Comprehensive Employment and Training Act of 1973. This Federal legislation coupled with a rapidly expanding awareness of the public to the needs for more vocational training, has resulted in an unparalleled demand for current data on employment by occupation and for projections of future manpower requirements by occupation.

The Occupational Employment Statistics (OES) Program has emerged as the system which is expected to supply much of the data leading to our "State Comprehensive Manpower Information System." The program is a Federal-State endeavor. The Maine Department of Manpower Affairs, Employment Security Commission, is one of thirty-four such state agencies invited by the U. S. Department of Labor to participate in the program. The Occupational Employment Statistics Program consists of three distinct, yet integral components: survey operations, industry-occupation matrix, and projections.

The first part of OES primarily consists of collecting occupational employment data by industry through a mail survey questionnaire to a sample of establishments covering the State. The sample data received are inflated to statewide totals by industry, using a system of weights and benchmark factors, thus producing staffing patterns which can be used on current or projected estimates of industrial employment for the State or for areas within the State to produce occupational estimates.

This publication, a direct result of the survey phase of the OES Program, contains the staffing patterns for nonmanufacturing establishments, other than trade, government, hospitals, regulated industries and educational services. The actual employment data were collected for the week of the 12th of April, May, or June depending on the industry. If this period was not typical because of unusual operational problems such as work stoppages, temporary shutdowns, and other than normal seasonal variations in employment, data for the pay period in which operations most closely approximated the normal for the month were requested. In terms of employment, the industries covered by this survey represent approximately one-third of the wage and salary employment in the State. This publication updates an earlier survey published in April of 1975, reflecting 1973 data. Other booklets have already been published: "Maine Occupational Staffing Patterns for Wholesale and Retail Trade, 1973," and "Maine Occupational Staffing Patterns for Manufacturing Industries, 1974." Approximately one-third of the State's industries will be surveyed each year, so that the entire economy will be covered every three years. In this way, employers are asked to provide occupational data only once every three years, no part of the data base is over three years old, and significant changes in the staffing patterns of industries can be identified early, as the trend develops.

The information obtained from these surveys will be used in the second phase of the OES Program to construct industry-occupation matrices covering all sectors of our economy. These matrices, in turn, will provide the data base for projecting occupational requirements and will produce one of the basic ingredients of the "Comprehensive Manpower Information System."

MINING

SIC's 10 and 14

Units in this group are primarily engaged in mining, developing mines, or exploring for metallic minerals and nonmetallic minerals, except fuels.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	220	100.00	na	na
Managers and Officers.....	20	9.09	9	78
Professional Occupations.....	10	4.55	na	na
Geologist and Geophysicist.....	10	4.55	18	33
Technical Occupations.....	10	4.55	na	na
Service Occupations.....	10	4.55	na	na
Maintenance and Production Occupations.....	150	68.18	na	na
Foreman, Nonworking.....	10	4.55	5	33
Mechanics and Repairmen.....	20	9.09	na	na
Truck Driver.....	30	13.64	15	56
Driller, Machine.....	20	9.09	7	33
Heavy Equipment Operator.....	10	4.55	16	44
Maintenance Man, General Utility..	10	4.55	22	33
Welder and Flamecutter.....	10	4.55	6	33
All Other Operatives and Semi- skilled Workers.....	30	13.64	na	na
All Other Laborers and Unskilled Workers.....	10	4.55	9	44
Clerical Occupations.....	20	9.09	na	na

GENERAL BUILDING CONTRACTORS

SIC 15

This major group includes general building contractors primarily engaged in construction including new work, additions, alterations, and repair of any commercial, industrial, or residential buildings including contractors who combine a special trade with contracting.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	6,820	100.00	na	na
Managers and Officers.....	810	11.88	6	69
Professional Occupations.....	110	1.61	na	na
Civil Engineer.....	10	0.15	49	3
Accountant and Auditor.....	30	0.44	26	8
Cost Estimator.....	60	0.88	15	17
All Other Professional Workers....	10	0.15	na	na
Technical Occupations.....	60	0.88	na	na
Draftsman.....	50	0.73	22	12
All Other Technical Workers.....	10	0.15	na	na
Service Occupations.....	30	0.44	na	na
Janitor, Porter, and Cleaner.....	30	0.44	30	6
Maintenance and Production Occupations.....	5,370	78.74	na	na
Foreman, Nonworking.....	90	1.32	20	12
Mechanic, Automotive.....	10	0.15	47	3
All Other Mechanics.....	20	0.29	na	na
Truck Driver.....	120	1.76	17	19
Bricklayer.....	140	2.05	22	11
Carpenter.....	2,470	36.22	4	92
Cement Mason.....	110	1.61	16	16
Electrician.....	40	0.59	29	7
Heavy Equipment Operator.....	220	3.23	14	27
Metal Fabricator.....	60	0.88	29	5
Millwright.....	120	1.76	29	2
Painter.....	110	1.61	31	12
Plumber and/or Pipefitter.....	20	0.29	34	3
Reinforcing Iron Worker.....	70	1.03	40	5
Structural Steel Worker.....	80	1.17	23	3
Taper.....	20	0.29	36	3

SIC 15 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Welder and Flamecutter.....	10	0.15	40	3
Bricklayer Helper.....	70	1.03	31	8
Carpenter Helper.....	670	9.82	10	42
Cement Mason Helper.....	160	2.35	26	11
Electrician Helper.....	20	0.29	36	4
All Other Trades Helpers.....	40	0.59	na	na
All Other Skilled Craftsmen and Kindred Workers.....	70	1.03	na	na
All Other Operatives and Semi- skilled Workers.....	50	0.73	na	na
All Other Laborers and Unskilled Workers.....	580	8.50	na	na
Clerical Occupations.....	400	5.86	na	na
Bookkeeper, Hand.....	130	1.91	14	24
General Clerk.....	140	2.05	15	28
Payroll and/or Timekeeping Clerk..	20	0.29	21	4
Secretary.....	90	1.32	18	18
All Other Office Clerical Workers.	20	0.29	na	na
Sales Occupations.....	40	0.59	na	na
Salesman.....	40	0.59	40	5

HEAVY CONSTRUCTION CONTRACTORS

SIC 16

This major group includes general contractors engaged in heavy construction, such as highways and streets, bridges, sewers, railroads, irrigation projects, flood control projects and marine construction, and miscellaneous types of construction work other than buildings.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	3,400	100.00	na	na
Managers and Officers.....	290	8.53	9	85
Professional Occupations.....	80	2.35	na	na
Civil Engineer.....	20	0.59	11	7
Safety Engineer.....	10	0.29	15	11
Accountant and Auditor.....	10	0.29	16	9
Cost Estimator.....	40	1.18	12	35
Technical Occupations.....	10	0.29	na	na
Surveyor.....	10	0.29	7	7
Service Occupations.....	40	1.18	na	na
Janitor, Porter, and Cleaner.....	30	0.88	16	17
Guard, Watchman, and Doorkeeper...	10	0.29	16	9
Maintenance and Production Occupations.....	2,750	80.88	na	na
Foreman, Nonworking.....	330	9.71	5	61
Mechanic, Automotive.....	80	2.35	11	54
Mechanic, Diesel.....	90	2.65	21	13
Engineering Equipment Mechanic....	80	2.35	10	20
Truck Driver.....	570	16.76	5	83
Air Hammer Operator.....	40	1.18	29	17
Carpenter.....	130	3.82	8	28
Cement Mason.....	30	0.88	14	13
Craneman, Derrickman, and Hoistman.....	80	2.35	10	26
Electrician.....	10	0.29	27	9
Heavy Equipment Operator.....	460	13.53	5	83
Oiler.....	20	0.59	7	9
Pipe Layer.....	50	1.47	28	20
Welder and Flamecutter.....	50	1.47	8	24
Asphalt Raker.....	30	0.88	14	7
Cement Mason Helper.....	10	0.29	21	7
All Other Trades Helpers.....	150	4.41	na	na

SIC 16 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
All Other Skilled Craftsmen and Kindred Workers.....	80	2.35	na	na
All Other Operatives and Semi- skilled Workers.....	50	1.47	na	na
All Other Laborers and Unskilled Workers.....	410	12.06	na	na
Clerical Occupations.....	230	6.76	na	na
Key punch Operator.....	10	0.29	34	9
Accounting Clerk.....	20	0.59	20	7
Bookkeeper, Hand.....	30	0.88	23	30
General Clerk.....	60	1.76	15	37
Payroll and/or Timekeeping Clerk.	70	2.06	7	35
Secretary.....	10	0.29	20	13
All Other Office Clerical Workers.....	10	0.29	na	na
Stock Clerk, Stockroom or Warehouse.....	10	0.29	38	9
All Other Plant Clerical Workers.	10	0.29	na	na

HIGHWAY AND STREET CONSTRUCTION

SIC 161

This group includes contractors primarily engaged in highway and street construction (except elevated highways and private driveways), improvements incidental to such construction, and airports, athletic fields, parking areas, fences, guard rails, etc.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	2,030	100.00	na	na
Managers and Officers.....	170	8.37	12	91
Professional Occupations.....	30	1.48	na	na
Engineers.....	10	0.49	na	na
Accountant and Auditor.....	10	0.49	14	14
Cost Estimator.....	10	0.49	6	32
Technical Occupations.....	10	0.49	na	na
Service Occupations.....	20	0.99	na	na
Janitor, Porter, and Cleaner.....	10	0.49	21	18
Guard, Watchman, and Doorkeeper...	10	0.49	17	18
Maintenance and Production Occupations.....	1,670	82.27	na	na
Foreman, Nonworking.....	160	7.88	7	59
Mechanic, Automotive.....	70	3.45	12	77
Mechanic, Diesel.....	90	4.43	22	18
Engineering Equipment Mechanic....	30	1.48	24	27
Truck Driver.....	470	23.15	6	91
Carpenter.....	10	0.49	19	14
Craneman, Derrickman, and Hoistman.....	10	0.49	30	23
Heavy Equipment Operator.....	330	16.26	6	95
Oiler.....	20	0.99	7	18
Welder and Flamecutter.....	20	0.99	11	23
Asphalt Raker.....	30	1.48	14	14
Trades Helper.....	20	0.99	na	na
All Other Skilled Craftsmen and Kindred Workers.....	30	1.48	na	na
All Other Operatives and Semi-skilled Workers.....	40	1.97	na	na
All Other Laborers and Unskilled Workers.....	340	16.75	na	na
Clerical Occupations.....	130	6.40	na	na
Bookkeeper, Hand.....	20	0.99	14	32

SIC 161 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
General Clerk.....	20	0.99	28	41
Payroll and/or Timekeeping Clerk..	50	2.46	9	41
All Other Office Clerical Workers.	20	0.99	na	na
Stock Clerk, Stockroom or Warehouse.....	10	0.49	17	14
All Other Plant Clerical Workers..	10	0.49	na	na

HEAVY CONSTRUCTION, N.E.C.

SIC 162

This group includes contractors primarily engaged in heavy construction, such as railroads, sewers and water mains, tunnels, dams, bridges, marine construction, and heavy foundations and industrial facilities, except buildings. Excluded are streets and nonelevated highways.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,370	100.00	na	na
Managers and Officers.....	110	8.03	15	79
Professional Occupations.....	40	2.92	na	na
Engineers.....	20	1.46	na	na
Cost Estimator.....	20	1.46	20	38
Technical Occupations.....	10	0.73	na	na
Service Occupations.....	20	1.46	na	na
Janitor, Porter, and Cleaner.....	20	1.46	22	17
Maintenance and Production Occupations.....	1,090	79.56	na	na
Foreman, Nonworking.....	170	12.41	6	63
Mechanic, Automotive.....	20	1.46	32	33
Engineering Equipment Mechanic.....	60	4.38	9	13
Truck Driver.....	100	7.30	9	75
Air Hammer Operator.....	40	2.92	32	21
Carpenter.....	120	8.76	8	42
Cement Mason.....	20	1.46	16	17
Craneman, Derrickman, and Hoistman.	60	4.38	10	29
Heavy Equipment Operator.....	140	10.22	10	71
Pipe Layer.....	30	2.19	32	25
Welder and Flamecutter.....	30	2.19	12	25
Trades Helper.....	140	10.22	na	na
All Other Skilled Craftsmen and Kindred Workers.....	60	4.38	na	na
All Other Operatives and Semi- skilled Workers.....	10	0.73	na	na
All Other Laborers and Unskilled Workers.....	90	6.57	na	na
Clerical Occupations.....	100	7.30	na	na
Bookkeeper, Hand.....	10	0.73	26	29
General Clerk.....	40	2.92	17	33
Payroll and/or Timekeeping Clerk...	20	1.46	11	25

SIC 162 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Secretary.....	10	0.73	27	17
All Other Office Clerical Workers..	10	0.73	na	na
Plant Clerical Workers.....	10	0.73	na	na

SPECIAL TRADE CONTRACTORS

SIC 17

This major group includes contractors who undertake specialized activities such as plumbing, painting, plastering, carpentering, etc., and who are primarily engaged in work related to building construction rather than heavy or engineering construction.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	7,940	100.00	na	na
Managers and Officers.....	1,010	12.72	5	71
Professional Occupations.....	150	1.89	na	na
Engineer, Mechanical.....	10	0.13	35	2
All Other Engineers.....	20	0.25	na	na
Purchasing Agent and/or Buyer.....	10	0.13	23	4
Cost Estimator.....	110	1.39	13	18
Technical Occupations.....	30	0.38	na	na
Draftsman.....	20	0.25	27	2
All Other Technical Workers.....	10	0.13	na	na
Service Occupations.....	20	0.25	na	na
Janitor, Porter, and Cleaner.....	20	0.25	27	4
Maintenance and Production Occupations.....	6,040	76.07	na	na
Foreman, Nonworking.....	90	1.13	17	12
Mechanic, Automotive.....	70	0.88	20	6
Mechanic, Diesel.....	20	0.25	35	2
Mechanic, Engineering Equipment....	10	0.13	42	1
Mechanic, Maintenance.....	70	0.88	38	5
Mechanic, Refrigeration.....	50	0.63	27	4
Truck Driver.....	630	7.93	11	19
Bricklayer.....	190	2.39	27	6
Carpenter.....	200	2.52	28	8
Cement Mason.....	140	1.76	28	6
Craneman, Derrickman, and Hoistman.	20	0.25	40	2
Dry-Wall Applicator.....	110	1.39	44	3
Electrician.....	630	7.93	5	20
Furnace Installer and/or Repairman.	20	0.25	33	2
Glazier.....	80	1.01	48	2
Heavy Equipment Operator.....	590	7.43	11	14
Oil Burner Installer.....	80	1.01	17	7
Painter.....	550	6.93	9	6

SIC 17 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Paperhanger.....	20	0.25	37	2
Plasterer.....	20	0.25	41	1
Plumber and/or Pipefitter.....	680	8.56	5	28
Roofer.....	220	2.77	19	4
Sheet Metal Worker.....	200	2.52	14	6
Taper.....	60	0.76	44	2
Welder and Flamecutter.....	40	0.50	24	6
Bricklayer Helper.....	100	1.26	22	4
Cement Mason Helper.....	100	1.26	29	4
Electrician Helper.....	100	1.26	16	9
Plumber Helper.....	140	1.76	13	13
Roofer Helper.....	70	0.88	21	2
All Other Trades Helpers.....	120	1.51	na	na
All Other Skilled Craftsmen and Kindred Workers.....	300	3.78	na	na
All Other Operatives and Semi- skilled Workers.....	100	1.26	na	na
All Other Laborers and Unskilled Workers.....	220	2.77	na	na
Clerical Occupations.....	620	7.81	na	na
Bookkeeping and Billing Machine Operator.....	10	0.13	21	3
Bookkeeper, Hand.....	120	1.51	15	15
General Clerk.....	300	3.78	10	35
Payroll and/or Timekeeping Clerk...	20	0.25	26	5
Secretary.....	140	1.76	13	19
Typist.....	10	0.13	38	2
Stock Clerk, Stockroom or Warehouse.....	20	0.25	34	4
Sales Occupations.....	70	0.88	na	na
Salesman.....	70	0.88	24	7

PLUMBING, HEATING, AIR CONDITIONING

SIC 171

This group includes special trade contractors primarily engaged in heating (except electrical), plumbing, air conditioning, and similar work, including contractors engaged in combinations of such work which may also include sheet metal work.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,660	100.00	na	na
Managers and Officers.....	220	13.25	6	74
Professional Occupations.....	50	3.01	na	na
Engineer, Mechanical.....	10	0.60	35	5
Cost Estimator.....	40	2.41	13	23
Technical Occupations.....	10	0.60	na	na
Draftsman.....	10	0.60	28	5
Service Occupations.....	10	0.60	na	na
Janitor, Porter, and Cleaner.....	10	0.60	43	3
Maintenance and Production Occupations.....	1,190	71.69	na	na
Foreman, Nonworking.....	30	1.81	17	17
Refrigeration Mechanic.....	50	3.01	27	10
All Other Mechanics and Repairmen..	20	1.20	na	na
Truck Driver.....	10	0.60	36	5
Carpenter.....	20	1.20	38	7
Electrician.....	40	2.41	26	7
Furnace Installer and/or Repairman.	20	1.20	33	7
Heavy Equipment Operator.....	10	0.60	47	3
Oil Burner Installer.....	80	4.82	17	22
Plumber and/or Pipefitter.....	660	39.76	5	80
Sheet Metal Worker.....	30	1.81	41	7
Welder and Flamecutter.....	30	1.81	24	14
Plumber Helper.....	130	7.83	13	35
All Other Trades Helpers.....	20	1.20	na	na
All Other Operatives and Semi- skilled Workers.....	30	1.81	na	na
All Other Laborers and Unskilled Workers.....	10	0.60	na	na

SIC 171 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Clerical Occupations.....	170	10.24	na	na
Bookkeeping and Billing Machine Operator.....	10	0.60	23	7
Bookkeeper, Hand.....	30	1.81	19	15
General Clerk.....	70	4.22	11	35
Secretary.....	40	2.41	13	27
Typist.....	10	0.60	38	5
Stock Clerk, Stockroom or Warehouse.....	10	0.60	35	6
Sales Occupations.....	10	0.60	na	na
Salesman.....	10	0.60	35	6

ELECTRICAL WORK

SIC 173

This group includes special trade contractors primarily engaged in electrical work at the site. Excluded are electrical contractors specializing in work carried on in repair shops or construction of transmission lines.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,060	100.00	na	na
Managers and Officers.....	140	13.21	10	68
Professional Occupations.....	50	4.72	na	na
Purchasing Agent and/or Buyer.....	10	0.94	23	18
Cost Estimator.....	20	1.89	14	20
All Other Professional Occupations.	20	1.89	na	na
Technical Occupations.....	10	0.94	na	na
Service Occupations.....	10	0.94	na	na
Janitor, Porter, and Cleaner.....	10	0.94	43	8
Maintenance and Production Occupations.....	740	69.81	na	na
Foreman, Nonworking.....	10	0.94	32	10
Mechanics and Repairmen.....	10	0.94	na	na
Electrician.....	590	55.66	5	92
Electrician Helper.....	100	9.43	16	42
All Other Trades Helpers.....	20	1.89	na	na
All Other Skilled Craftsmen and Kindred Workers.....	10	0.94	na	na
Clerical Occupations.....	100	9.43	na	na
Bookkeeper, Hand.....	20	1.89	25	20
General Clerk.....	50	4.72	14	38
Payroll and/or Timekeeping Clerk...	10	0.94	35	12
Secretary.....	10	0.94	30	12
Plant Clerical Workers.....	10	0.94	na	na
Sales Occupations.....	10	0.94	na	na
Salesman.....	10	0.94	49	6

LOCAL AND INTERURBAN PASSENGER TRANSIT

SIC 41

This major group includes companies primarily engaged in furnishing local and sub-urban passenger transportation, such as companies providing passenger transportation within a single municipality, contiguous municipalities, or a municipality and its suburban areas.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	990	100.00	na	na
Managers and Officers.....	70	7.07	17	61
Maintenance and Production Occupations.....	810	81.82	na	na
Foreman, Nonworking.....	10	1.01	27	11
Mechanic, Automotive.....	20	2.02	13	29
Ambulance Driver.....	80	8.08	34	13
Ambulance Attendant.....	40	4.04	45	8
Bus Driver.....	300	30.30	12	42
Cleaner, Vehicle.....	10	1.01	27	13
Taxi Driver.....	350	35.35	2	42
Clerical Occupations.....	110	11.11	na	na
General Clerk.....	10	1.01	22	13
Payroll and/or Timekeeping Clerk..	10	1.01	39	8
Secretary.....	10	1.01	42	11
Dispatcher, Vehicle Service.....	80	8.08	10	45

TAXICABS

SIC 412

This group includes units primarily engaged in furnishing passenger transportation by automobiles, such as taxicabs, not operated on a regular schedule or between fixed terminals regardless of how the drivers are compensated.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	450	100.00	na	na
Managers and Officers.....	20	4.44	21	44
Maintenance and Production Occupations.....	350	77.78	na	na
Taxi Driver.....	350	77.78	2	100
Clerical Occupations.....	80	17.78	na	na
Office Clerical Workers.....	10	2.22	na	na
Dispatcher, Vehicle Service.....	70	15.56	9	88

WATER TRANSPORTATION

SIC 44

This major group includes companies engaged in freight and passenger transportation on the open seas or inland waters and companies furnishing such incidental services as lighterage, towing and canal operation. Also included are excursion boats, sightseeing boats, and water taxis.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	670	100.00	na	na
Managers and Officers.....	130	19.40	18	91
Professional Occupations.....	10	1.49	na	na
Service Occupations.....	30	4.48	na	na
Janitor, Porter, and Cleaner.....	10	1.49	43	18
Guard, Watchman, and Doorkeeper....	10	1.49	13	18
All Other Service Workers.....	10	1.49	na	na
Maintenance and Production Occupations.....	440	65.67	na	na
Foreman, Nonworking.....	20	2.98	35	14
Marine Mechanic.....	10	1.49	34	14
All Other Mechanics.....	10	1.49	na	na
Carpenter.....	20	2.98	33	18
Ordinary Seaman.....	30	4.48	20	5
All Other Skilled Craftsmen and Kindred Workers.....	60	8.96	na	na
All Other Operatives and Semi-skilled Workers.....	60	8.96	na	na
All Other Laborers and Unskilled Workers.....	230	34.33	na	na
Clerical Occupations.....	40	5.97	na	na
Accounting Clerk.....	10	1.49	40	14
Bookkeeper, Hand.....	10	1.49	31	23
General Clerk.....	10	1.49	44	14
Secretary.....	10	1.49	41	14
Sales Occupations.....	20	2.98	na	na
Salesman.....	10	1.49	37	14
All Other Sales Occupations.....	10	1.49	na	na

TRANSPORTATION SERVICES

SIC 47

This major group includes companies furnishing services incidental to transportation, such as forwarding and packing services, arrangement of transportation, and the operation of stockyards.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	270	100.00	na	na
Managers and Officers.....	50	18.52	12	81
Professional Occupations.....	70	25.93	na	na
Travel Agent and/or Travel- Accommodations Appraiser.....	60	22.22	18	50
All Other Professional Workers.....	10	3.70	na	na
Service Occupations.....	10	3.70	na	na
Maintenance and Production Occupations.....	80	29.63	na	na
Clerical Occupations.....	60	22.22	na	na
Bookkeeper, Hand.....	20	7.41	13	56
General Clerk.....	30	11.11	28	31
Typist.....	10	3.70	34	25

RADIO AND TELEVISION BROADCASTING

SIC 483

This group includes stations primarily engaged in radio and television broadcasting to the public. Also included are subscription or closed circuit television, and television translator stations.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	930	100.00	na	na
Managers and Officers.....	130	13.98	6	100
Professional Occupations.....	410	44.09	na	na
Electrical Engineer.....	60	6.45	16	67
Photographer.....	20	2.15	22	22
Television Cameraman.....	30	3.23	23	22
Announcer.....	210	22.58	9	89
Broadcast News Analyst.....	30	3.23	13	48
Commercial Artist.....	10	1.08	19	22
Writer and/or Editor.....	20	2.15	17	33
Film Editor.....	10	1.08	20	22
Reporter and Correspondent.....	10	1.08	35	11
Technical Director.....	10	1.08	27	19
Technical Occupations.....	90	9.68	na	na
Broadcast Technician.....	80	8.60	15	37
All Other Technical Workers.....	10	1.08	na	na
Service Occupations.....	20	2.15	na	na
Janitor, Porter, and Cleaner.....	20	2.15	12	44
Clerical Occupations.....	150	16.13	na	na
Bookkeeping and Billing Machine Operator.....	10	1.08	33	11
Bookkeeper, Hand.....	20	2.15	16	44
Payroll and/or Timekeeping Clerk...	10	1.08	28	15
Receptionist.....	10	1.08	15	33
Secretary.....	30	3.23	12	56
Traffic Clerk.....	40	4.30	9	63
Typist.....	30	3.23	21	33
Sales Occupations.....	130	13.98	na	na
Salesman.....	130	13.98	8	89

ELECTRIC, GAS, AND SANITARY SERVICES

SIC 49

This major group includes companies engaged in the generation, transmission and/or distribution of electricity, gas, or steam. Also included are water and irrigation systems and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	3,170	100.00	na	na
Managers and Officers.....	220	6.94	6	92
Professional Occupations.....	210	6.62	na	na
Electrical Engineer.....	70	2.21	6	17
All Other Engineers.....	80	2.52	na	na
Purchasing Agent and/or Buyer.....	10	0.32	11	13
Accountant and Auditor.....	30	0.95	5	13
All Other Professional Workers....	20	0.63	na	na
Technical Occupations.....	90	2.84	na	na
Draftsman.....	20	0.63	6	21
Electrical Technician.....	40	1.26	25	13
All Other Technical Workers.....	30	0.95	na	na
Service Occupations.....	60	1.89	na	na
Janitor, Porter, and Cleaner.....	50	1.58	7	25
All Other Service Workers.....	10	0.32	na	na
Maintenance and Production Occupations.....	1,550	48.90	na	na
Foreman, Nonworking.....	40	1.26	16	33
Mechanic, Automotive.....	50	1.58	11	17
Household-Appliance Repairman.....	30	0.95	20	17
All Other Mechanics and Repairmen..	40	1.26	na	na
Auxiliary Equipment Operator.....	30	0.95	37	13
Heavy Equipment Operator.....	10	0.32	17	21
Lineman.....	440	13.88	6	42
Maintenance Man, General Utility..	80	2.52	26	25
Trades Helper.....	40	1.26	2	13
Refuse Collector.....	50	1.58	28	17
Substation Operator.....	30	0.95	35	13
Switchboard Operator, Generating Plant.....	90	2.84	30	13
Water Treatment Plant Operator....	20	0.63	43	17

SIC 49 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
All Other Skilled Craftsmen and Kindred Workers.....	330	10.41	na	na
All Other Operatives and Semi- skilled Workers.....	140	4.42	na	na
All Other Laborers and Unskilled Workers.....	130	4.10	na	na
Clerical Occupations.....	1,020	32.18	na	na
Bookkeeping and Billing Machine Operator.....	20	0.63	23	21
Accounting Clerk.....	70	2.21	5	25
Bookkeeper, Hand.....	30	0.95	30	33
Cashier.....	10	0.32	35	17
General Clerk.....	200	6.31	9	63
Secretary.....	40	1.26	7	38
All Other Office Clerical Workers.	330	10.41	na	na
Meter Reader, Utilities.....	250	7.89	4	58
Stock Clerk, Stockroom or Warehouse.....	50	1.58	4	25
Dispatcher, Vehicle, Service, or Work.....	10	0.32	39	13
All Other Plant Clerical Workers..	10	0.32	na	na
Sales Occupations.....	20	0.63	na	na
Salesman.....	20	0.63	29	17

BANKING

SIC 60

This major group comprises institutions which are engaged in deposit banking or closely related functions, including fiduciary activities.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	5,720	100.00	na	na
Managers and Officers.....	1,150	20.10	2	100
Professional Occupations.....	190	3.32	na	na
Financial Analyst.....	10	0.17	9	6
Systems Analyst, Electronic Data Processing.....	30	0.52	3	8
Purchasing Agent and/or Buyer.....	10	0.17	8	6
Accountant and Auditor.....	60	1.05	16	21
Credit Analyst, Chief.....	20	0.35	11	10
Credit Analyst.....	20	0.35	32	7
Personnel and Labor Relations Specialist.....	10	0.17	24	6
Public Relations Man.....	10	0.17	12	11
Appraiser, Real Estate.....	10	0.17	11	7
All Other Professional Workers....	10	0.17	na	na
Technical Occupations.....	20	0.35	na	na
Computer Programmer.....	20	0.35	4	8
Service Occupations.....	200	3.50	na	na
Janitor, Porter, and Cleaner.....	190	3.32	6	61
Guard, Watchman, and Doorkeeper...	10	0.17	28	8
Maintenance and Production Occupations.....	40	0.70	na	na
Maintenance Man, General Utility..	20	0.35	12	13
Operatives and Semiskilled Workers.....	20	0.35	na	na
Clerical Occupations.....	4,110	71.85	na	na
Clerical Supervisor.....	310	5.42	4	63
Bookkeeping and Billing Machine Operator.....	30	0.52	14	19
Computer Operator.....	50	0.87	3	7
Keypunch Operator.....	70	1.22	2	8

SIC 60 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Peripheral Electronic Data Proc- essing Equipment Operator.....	10	0.17	19	4
Proof Machine Operator.....	120	2.10	9	20
All Other Office Machine Operators.	10	0.17	14	4
Stenographer.....	40	0.70	17	13
Accounting Clerk.....	130	2.27	10	36
Bookkeeper, Hand.....	50	0.87	21	24
Checking Clerk.....	50	0.87	4	8
Collector.....	60	1.05	8	21
File Clerk.....	40	0.70	8	14
Insurance Clerk.....	10	0.17	8	6
General Clerk.....	470	8.22	8	48
Loan Closer.....	10	0.17	15	8
Mail Clerk.....	10	0.17	10	10
Messenger, Bank.....	10	0.17	11	8
New Accounts Teller.....	60	1.05	11	24
Payroll and/or Timekeeping Clerk...	20	0.35	35	10
Personnel Clerk.....	10	0.17	17	5
Receptionist.....	40	0.70	10	19
Safe Deposit Clerk.....	20	0.35	10	14
Secretary.....	240	4.20	4	73
Statement Clerk.....	120	2.10	12	24
Switchboard Operator.....	20	0.35	7	15
Switchboard Operator-Receptionist..	30	0.52	6	29
Messenger.....	50	0.87	22	13
Teller.....	1,780	31.12	2	98
Transit Clerk.....	10	0.17	35	6
Typist.....	70	1.22	12	17
Credit Clerk.....	60	1.05	13	31
Mortgage Closing Clerk.....	40	0.70	11	21
Sorting Clerk.....	10	0.17	16	4
All Other Office Clerical Workers..	40	0.70	30	8
Stock Clerk, Stockroom or Warehouse.....	10	0.17	24	6
Sales Occupations.....	10	0.17	na	na
Salesman.....	10	0.17	14	5

COMMERCIAL AND STOCK SAVINGS BANKS

SIC 602

This group includes banks and trust companies engaged in the business of accepting deposits from the public, except mutual savings banks. These institutions are also engaged in extending credit by means of loans and investments.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	4,690	100.00	na	na
Managers and Officers.....	930	19.83	2	100
Professional Occupations.....	150	3.20	na	na
Financial Analyst.....	10	0.21	11	7
Systems Analyst, Electronic Data Processing.....	20	0.43	3	8
Purchasing Agent and/or Buyer.....	10	0.21	9	7
Accountant and Auditor.....	40	0.85	21	18
Credit Analyst, Chief.....	20	0.43	11	13
Credit Analyst.....	20	0.43	32	10
Personnel and Labor Relations Specialist.....	10	0.21	34	5
Public Relations Man.....	10	0.21	14	13
All Other Professional Workers....	10	0.21	na	na
Technical Occupations.....	20	0.43	na	na
Computer Programmer.....	20	0.43	4	8
Service Occupations.....	150	3.20	na	na
Janitor, Porter, and Cleaner.....	140	2.99	7	60
Guard, Watchman, and Doorkeeper...	10	0.21	30	8
Maintenance and Production Occupations.....	30	0.64	na	na
Maintenance Man, General Utility..	10	0.21	9	13
Operatives and Semiskilled Workers.....	20	0.43	na	na
Clerical Occupations.....	3,400	72.49	na	na
Clerical Supervisor.....	250	5.33	5	62
Bookkeeping and Billing Machine Operator.....	20	0.43	18	15
Computer Operator.....	50	1.07	3	7
Keypunch Operator.....	70	1.49	2	10
Proof Machine Operator.....	120	2.56	10	22
Stenographer.....	30	0.64	18	15
Accounting Clerk.....	110	2.35	12	38

SIC 602 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Bookkeeper, Hand.....	40	0.85	27	22
Checking Clerk.....	40	0.85	5	8
Collector.....	60	1.28	8	25
File Clerk.....	30	0.64	9	15
General Clerk.....	400	8.53	9	42
Loan Closer.....	10	0.21	17	7
Mail Clerk.....	10	0.21	11	12
Messenger, Bank.....	10	0.21	15	8
New Accounts Teller.....	50	1.07	14	23
Payroll and/or Timekeeping Clerk..	20	0.43	38	12
Personnel Clerk.....	10	0.21	17	7
Receptionist.....	30	0.64	11	20
Safe Deposit Clerk.....	20	0.43	10	18
Secretary.....	190	4.05	5	73
Statement Clerk.....	120	2.56	12	33
Switchboard Operator.....	10	0.21	9	13
Switchboard Operator-Receptionist.	20	0.43	7	27
Messenger.....	50	1.07	24	17
Teller.....	1,440	30.70	3	100
Transit Clerk.....	10	0.21	35	13
Typist.....	60	1.28	13	20
Credit Clerk.....	50	1.07	16	33
Mortgage Closing Clerk.....	10	0.21	15	10
All Other Office Clerical Workers.	50	1.07	na	na
Stock Clerk, Stockroom or Warehouse.....	10	0.21	27	7
Sales Occupations.....	10	0.21	na	na
Salesman.....	10	0.21	14	7

CREDIT AGENCIES OTHER THAN BANKS

SIC 61

This major group comprises establishments engaged in extending credit in the form of loans but not engaged in deposit banking.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,020	100.00	na	na
Managers and Officers.....	280	27.45	4	97
Professional Occupations.....	60	5.88	na	na
Accountant and Auditor.....	10	0.98	14	11
Credit Analyst, Chief.....	20	1.96	12	10
Credit Analyst.....	30	2.94	11	14
Service Occupations.....	30	2.94	na	na
Janitor, Porter, and Cleaner.....	30	2.94	13	20
Clerical Occupations.....	630	61.76	na	na
Clerical Supervisor.....	50	4.90	11	30
Bookkeeping and Billing Machine Operator.....	10	0.98	19	8
Stenographer.....	10	0.98	12	5
Accounting Clerk.....	10	0.98	14	9
Bookkeeper, Hand.....	30	2.94	15	17
Collector.....	30	2.94	26	9
General Clerk.....	160	15.69	7	49
New Accounts Teller.....	10	0.98	26	3
Secretary.....	20	1.96	14	17
Switchboard Operator-Receptionist.	10	0.98	25	7
Teller.....	210	20.59	5	55
Typist.....	10	0.98	20	6
Credit Clerk.....	40	3.92	15	22
Mortgage Closing Clerk.....	20	1.96	16	11
All Other Office Clerical Workers.	10	0.98	na	na
Sales Occupations.....	20	1.96	na	na
Salesman.....	20	1.96	18	6

SECURITY, COMMODITY BROKERS AND SERVICES, AND
HOLDING AND OTHER INVESTMENT COMPANIES

SIC's 62 AND 67

This major group comprises establishments engaged in the underwriting, purchase, sale, or brokerage of securities and other financial contracts on their own account or for the account of others; exchanges, exchange clearing houses, and other allied services; and investment trusts, investment companies, holding companies, and commodity trading companies.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	320	100.00	na	na
Managers and Officers.....	60	18.75	21	88
Professional Occupations.....	50	15.63	na	na
Accountant and Auditor.....	40	12.50	33	29
All Other Professional Workers....	10	3.13	na	na
Clerical Occupations.....	90	28.13	na	na
Brokerage Clerk.....	10	3.13	19	29
General Clerk.....	10	3.13	26	24
Secretary.....	50	15.63	9	71
All Other Office Clerical Workers.	20	6.25	na	na
Sales Occupations.....	120	37.50	na	na
Salesman, Securities.....	120	37.50	3	71

INSURANCE CARRIERS, AGENTS, BROKERS AND SERVICES

SIC's 63 and 64

This major group comprises insurance carriers of all types, agents and brokers dealing in insurance, and also organizations offering services to insurance companies and to policy holders.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	5,560	100.00	na	na
Managers and Officers.....	930	16.73	3	94
Professional Occupations.....	500	8.99	na	na
Mathematical Scientists.....	30	0.54	na	na
Systems Analyst, Electronic Data Processing.....	40	0.72	1	2
Accountant and Auditor.....	60	1.09	6	8
Investigator.....	20	0.36	24	5
Registered Nurse.....	20	0.36	22	2
Personnel and Labor Relations Specialist.....	10	0.18	11	2
Underwriter.....	170	3.06	8	22
Special Agent, Insurance.....	30	0.54	19	4
Claim Examiner, Property/Casualty Insurance.....	40	0.72	20	8
All Other Professional Workers....	80	1.44	na	na
Technical Occupations.....	140	2.52	na	na
Computer Programmer.....	40	0.72	5	3
All Other Technical Workers.....	100	1.80	na	na
Service Occupations.....	100	1.80	na	na
Janitor, Porter, and Cleaaher.....	60	1.09	11	9
All Other Service Workers.....	40	0.72	na	na
Maintenance and Production Occupations.....	30	0.54	na	na
Maintenance Man, General Utility..	10	0.18	14	4
All Other Skilled Craftsmen and Kindred Workers.....	10	0.18	na	na
Operatives and Semiskilled Workers.....	10	0.18	na	na
Clerical Occupations.....	3,020	54.32	na	na
Clerical Supervisor.....	160	2.88	9	27
Bookkeeping and Billing Machine Operator.....	20	0.36	21	9

SIC's 63 and 64 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Computer Operator.....	30	0.54	11	5
Keypunch Operator.....	70	1.26	7	6
All Other Office Machine Operators..	40	0.72	na	na
Stenographer.....	70	1.26	9	17
Accounting Clerk.....	210	3.78	4	21
Cancellation Clerk.....	10	0.18	31	2
Cashier.....	30	0.54	13	15
Claim Adjuster.....	200	3.60	12	19
Claims Clerk.....	180	3.24	9	29
Correspondence Clerk.....	10	0.18	21	3
File Clerk.....	120	2.16	7	17
General Clerk.....	480	8.63	6	51
Mail Clerk.....	10	0.18	13	2
Payroll and/or Timekeeping Clerk...	10	0.18	12	2
Personnel Clerk.....	10	0.18	11	2
Policy Change Clerk.....	90	1.62	22	12
Rater.....	230	4.14	10	23
Receptionist.....	20	0.36	19	9
Secretary.....	230	4.14	7	29
Switchboard Operator.....	10	0.18	11	4
Switchboard Operator-Receptionist..	30	0.54	13	12
Typist.....	360	6.47	7	32
Claim Examiner, Life, Accident, and Health Insurance.....	110	1.98	5	5
All Other Office Clerical Workers..	240	4.32	na	na
Plant Clerical Workers.....	40	0.72	na	na
Sales Occupations.....	840	15.11	na	na
Salesman, Insurance.....	840	15.11	na	na

LIFE INSURANCE

SIC 631

This group includes units primarily engaged in underwriting life insurance whether owned by stockholders or policy holders. Included are burial insurance societies and funeral insurance companies.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	2,080	100.00	na	na
Managers and Officers.....	240	11.54	3	100
Professional Occupations.....	160	7.69	na	na
Technical Occupations.....	80	3.85	na	na
Service Occupations.....	40	1.92	na	na
Maintenance and Production Occupations.....	20	0.96	na	na
Clerical Occupations.....	1,020	49.04	na	na
Clerical Supervisor.....	70	3.37	8	50
Keypunch Operator.....	20	0.96	6	15
Stenographer.....	20	0.96	16	35
Cashier.....	10	0.48	20	20
Claims Clerk.....	30	1.44	39	15
File Clerk.....	40	1.92	4	15
General Clerk.....	110	5.29	12	75
Policy Change Clerk.....	30	1.44	19	15
Secretary.....	70	3.37	6	25
Typist.....	60	2.88	8	15
All Other Office Clerical Workers.....	520	25.00	na	na
Plant Clerical Workers.....	40	1.92	na	na
Sales Occupations.....	520	25.00	na	na
Salesman, Insurance.....	520	25.00	11	90

INSURANCE AGENTS, BROKERS AND SERVICE

SIC 641

This group includes independent insurance agents and brokers who offer their services to both the insurance companies and to policy holders. Also included are independent organizations concerned with insurance services.

Occupations	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,750	100.00	na	na
Managers and Officers.....	400	22.86	6	94
Professional Occupations.....	110	6.29	na	na
Accountant and Auditor.....	10	0.57	43	5
Underwriter.....	60	3.43	21	19
All Other Professional Workers.....	40	2.29	na	na
Technical Occupations.....	10	0.57	na	na
Service Occupations.....	20	1.14	na	na
Janitor, Porter, and Cleaner.....	20	1.14	27	10
Clerical Occupations.....	960	54.86	na	na
Clerical Supervisor.....	50	2.86	27	20
Bookkeeping and Billing Machine Operator.....	20	1.14	26	11
Computer Operator.....	10	0.57	29	4
Stenographer.....	20	1.14	27	10
Accounting Clerk.....	50	2.86	13	24
Cashier.....	20	1.14	26	10
Claim Adjuster.....	60	3.43	34	9
Claims Clerk.....	50	2.86	16	26
File Clerk.....	30	1.71	24	11
General Clerk.....	210	12.00	12	46
Policy Change Clerk.....	50	2.86	39	11
Rater.....	140	8.00	16	26
Receptionist.....	20	1.14	27	10
Secretary.....	90	5.14	17	23
Switchboard Operator-Receptionist..	10	0.57	23	8
Typist.....	130	7.43	19	28
Sales Occupations.....	250	14.29	na	na
Salesman, Insurance.....	250	14.29	14	45

REAL ESTATE

SIC 65

This major group comprises real estate operators, and owners and lessors of real property, as well as buyers, sellers, developers, agents, and brokers.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,240	100.00	na	na
Managers and Officers.....	300	24.19	11	80
Professional Occupations.....	90	7.26	na	na
Accountant and Auditor.....	20	1.61	40	10
All Other Professional Workers....	70	5.65	na	na
Service Occupations.....	190	15.32	na	na
Janitor, Porter, and Cleaner.....	140	11.29	na	na
All Other Service Workers.....	50	4.03	na	na
Maintenance and Production Occupations.....	340	27.42	na	na
Foreman, Nonworking.....	10	0.81	24	8
Maintenance Man, General Utility..	170	13.71	23	35
Gardener and Groundskeeper.....	80	6.45	26	14
All Other Skilled Craftsmen and Kindred Workers.....	70	5.65	na	na
Laborers and Unskilled Workers....	10	0.81	na	na
Clerical Occupations.....	210	16.94	na	na
Bookkeeper, Hand.....	50	4.03	24	29
General Clerk.....	50	4.03	35	18
Receptionist.....	30	2.42	33	18
Secretary.....	60	4.84	29	29
All Other Office Clerical Workers.	20	1.61	na	na
Sales Occupations.....	110	8.87	na	na
Salesman, Real Estate.....	80	6.45	34	14
All Other Sales Workers.....	30	2.42	na	na

COMBINED REAL ESTATE, INSURANCE, LOAN, AND LAW OFFICES

SIC 66

This major group comprises establishments not classifiable on the basis of predominant nature of business, generally small in size, which are regularly engaged in any combination of real estate, insurance, loans, or the practice of law.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	380	100.00	na	na
Managers and Officers.....	90	23.68	6	86
Service Occupations.....	10	2.63	na	na
Janitor, Porter, and Cleaner.....	10	2.63	19	22
Clerical Occupations.....	180	47.37	na	na
Accounting Clerk.....	10	2.63	34	9
Bookkeeper, Hand.....	10	2.63	16	28
Cashier.....	10	2.63	26	13
General Clerk.....	70	18.42	14	47
Real Estate Clerk.....	10	2.63	24	16
Receptionist.....	10	2.63	26	13
Secretary.....	30	7.90	15	41
Typist.....	30	7.90	17	31
Sales Occupations.....	100	26.32	na	na
Salesman, Real Estate.....	40	10.53	11	47
Salesman, Insurance.....	60	15.79	10	66

HOTELS AND OTHER LODGING PLACES

SIC 70

This major group includes commercial and institutional establishments engaged in furnishing lodging, or lodging and meals, and camping space and camping facilities, on a fee basis.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	6,720	100.00	na	na
Managers and Officers.....	520	7.74	5	70
Professional Occupations.....	300	4.46	na	na
Accountant and Auditor.....	50	0.74	16	16
Registered Nurse.....	30	0.45	11	3
Group Recreation Worker.....	200	2.98	28	5
All Other Professional Workers....	20	0.30	na	na
Technical Occupations.....	10	0.15	na	na
Licensed Practical Nurse.....	10	0.15	24	2
Service Occupations.....	4,380	65.18	na	na
Foreman, Nonworking.....	10	0.15	10	5
Maid.....	1,530	22.77	5	77
Houseman.....	80	1.19	17	14
All Other Janitors, Porters, and Cleaners.....	60	0.89	14	12
Guard, Watchman, and Doorkeeper...	60	0.89	21	11
Bartender.....	220	3.27	10	34
Bus Boy.....	130	1.93	8	16
Hostess, Restaurant, Lounge, or Coffee Shop.....	20	0.30	27	5
Kitchen Helper.....	410	6.10	8	40
Waiter/Waitress.....	1,040	15.48	5	49
Cook, Short Order.....	110	1.64	14	15
Cook, Restaurant.....	320	4.76	7	48
All Other Food Service Workers....	10	0.15	na	na
Bellman, Baggage Porter, Doorman and/or Room Service Boy.....	50	0.74	9	9
Housekeeper.....	130	1.93	9	38
Nurse Aide and/or Orderly.....	200	2.98	13	7
Maintenance and Production Occupations.....	660	9.82	na	na
Laundry Operator, Small Estab- lishment.....	110	1.64	15	21

SIC 70 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Maintenance Man, General Utility..	330	4.91	11	53
Painter.....	30	0.45	22	9
Gardener and Groundskeeper.....	180	2.68	16	26
Laborers and Unskilled Workers....	10	0.15	na	na
Clerical Occupations.....	840	12.50	na	na
Accounting Clerk.....	30	0.45	16	14
Bookkeeper, Hand.....	30	0.45	19	6
Cashier.....	80	1.19	9	14
General Clerk.....	50	0.74	18	13
Desk Clerk.....	510	7.59	8	50
Receptionist.....	50	0.74	15	10
Secretary.....	50	0.74	15	13
All Other Office Clerical Workers.	40	0.60	na	na
Sales Occupations.....	10	0.15	na	na

HOTELS, TOURIST COURTS, AND MOTELS

SIC 701

This group includes businesses primarily engaged in providing lodging or lodging and meals for the general public. Apartment hotels and rooming and boarding houses are excluded.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	5,290	100.00	na	na
Managers and Officers.....	380	7.18	5	71
Professional Occupations.....	60	1.13	na	na
Accountant and Auditor.....	50	0.95	16	23
All Other Professional Workers.....	10	0.19	na	na
Service Occupations.....	3,670	69.38	na	na
Foreman, Nonworking.....	10	0.19	10	8
Maid.....	1,400	26.47	5	94
Houseman.....	50	0.95	15	15
All Other Janitors, Porters, and Cleaners.....	50	0.95	14	16
Guard, Watchman, and Doorkeeper.....	30	0.57	21	12
Bartender.....	220	4.16	10	48
Bus Boy.....	120	2.27	6	21
Hostess, Restaurant, Lounge, or Coffee Shop.....	10	0.19	28	6
Kitchen Helper.....	330	6.24	8	48
Waiter and/or Waitress.....	970	18.34	5	58
Cook, Short Order.....	90	1.70	15	18
Cook, Restaurant.....	240	4.54	8	51
Bellman, Baggage Porter, Doorman and/or Room Service Boy.....	50	0.95	9	13
Housekeeper.....	90	1.70	11	44
All Other Service Workers.....	10	0.19	na	na
Maintenance and Production Occupations.....	440	8.32	na	na
Laundry Operator, Small Establish- ment.....	90	1.70	13	27
Maintenance Man, General Utility...	220	4.16	11	56
Painter.....	30	0.57	22	13
Gardener and Groundskeeper.....	100	1.89	21	23

SIC 701 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Clerical Occupations.....	730	13.80	na	na
Accounting Clerk.....	30	0.57	16	20
Cashier.....	70	1.32	8	18
General Clerk.....	30	0.57	22	13
Desk Clerk.....	490	9.26	8	69
Receptionist.....	40	0.76	16	9
Secretary.....	30	0.57	15	17
All Other Office Clerical Workers..	40	0.76	na	na
Sales Occupations.....	10	0.19	na	na

PERSONAL SERVICES

SIC 72

This major group includes establishments primarily engaged in providing services generally involving the care of the person or his apparel, such as laundries, cleaning and dyeing plants, photographic studios, barber and beauty shops, and cleaning and pressing shops.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	2,920	100.00	na	na
Managers and Officers.....	320	10.96	8	60
Professional Occupations.....	150	5.14	na	na
Accountant and Auditor.....	30	1.03	34	6
Embalmer.....	60	2.05	18	10
Lady Attendant.....	20	0.68	31	6
All Other Professional Workers.....	40	1.37	na	na
Service Occupations.....	860	29.45	na	na
Maid.....	20	0.68	29	7
All Other Janitors, Porters, and Cleaners.....	20	0.68	27	8
Barber.....	70	2.40	43	4
Cosmetologist and/or Women's Hair Stylist.....	660	22.60	5	36
Funeral Attendant.....	50	1.71	23	7
Shampooer.....	10	0.34	48	3
All Other Service Workers.....	30	1.03	na	na
Maintenance and Production Occupations.....	1,010	34.59	na	na
Foreman, Nonworking.....	20	0.68	12	6
Mechanic, Laundry-Machine.....	20	0.68	16	8
All Other Mechanics and Repairmen..	10	0.34	na	na
Dark Room Workers.....	30	1.03	na	na
Marker, Classifier, Wet Wash Assembler, Detacher, and/or Checker.....	40	1.37	13	12
Spotter, Dry Cleaning.....	20	0.68	31	6
Washer, Machine and/or Starcher....	50	1.71	16	19
Tumbler Operator.....	10	0.34	30	3
Dry Cleaning Machine Operator.....	30	1.03	20	14
Folder, Laundry.....	90	3.08	20	11
Laundry Operator, Small Estab- lishment.....	30	1.03	38	5

SIC 72 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Presser, Hand.....	60	2.05	29	6
Presser, Machine, except Laundry...	50	1.71	15	16
Presser, Machine, Laundry.....	170	5.82	11	21
All Other Laundry Workers.....	10	0.34	na	na
Deliveryman and Routeman.....	120	4.11	8	28
Inspector.....	20	0.68	24	9
Maintenance Man, General Utility...	20	0.68	37	4
Mender.....	20	0.68	28	6
Production Packager.....	30	1.03	21	11
Alteration Tailor.....	10	0.34	33	6
Gardener and Groundskeeper.....	10	0.34	31	3
Chauffeur.....	30	1.03	31	4
All Other Skilled Craftsman and Kindred Workers.....	50	1.71	na	na
All Other Operatives and Semi- skilled Workers.....	60	2.05	na	na
Clerical Occupations.....	490	16.78	na	na
Bookkeeper, Hand.....	10	0.34	42	5
Counter Clerk.....	190	6.51	16	22
General Clerk.....	200	6.85	11	19
Payroll and/or Timekeeping Clerk...	20	0.68	23	9
Receptionist.....	30	1.03	30	6
Secretary.....	10	0.34	43	4
All Other Office Clerical Workers..	10	0.34	na	na
Plant Clerical Workers.....	20	0.68	na	na
Sales Occupations.....	90	3.08	na	na
Salesman.....	90	3.08	8	6

LAUNDRIES AND DRY CLEANING PLANTS

SIC 721

This group includes units primarily engaged in operating laundries and dry cleaning and dyeing plants or in providing laundry services such as linen supply, diaper service, industrial launderers, and coin operated laundries and dry cleaning.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,210	100.00	na	na
Managers and Officers.....	100	8.26	11	64
Service Occupations.....	10	0.83	na	na
Maintenance and Production Occupations.....	820	67.77	na	na
Foreman, Nonworking.....	20	1.65	13	11
Mechanic, Laundry, Machine.....	20	1.65	16	20
Marker, Classifier, Wet Wash, Assembler, Detacher, and/or Checker.....	40	3.31	13	29
Spotter, Dry Cleaning.....	20	1.65	31	16
Washer, Machine and/or Starcher....	50	4.13	16	47
Tumbler Operator.....	10	0.83	30	7
Dry Cleaning Machine Operator.....	30	2.48	20	33
Folder, Laundry.....	90	7.33	20	27
Laundry Operator, Small Establishment.....	30	2.48	38	11
Presser, Hand.....	60	4.96	29	16
Presser, Machine, except Laundry...	50	4.13	15	38
Presser, Machine, Laundry.....	170	14.05	11	51
All Other Laundry Workers.....	10	0.83	na	na
Deliveryman and Routeman.....	120	9.92	8	69
Inspector.....	20	7.44	24	22
Mender.....	20	1.65	28	16
Production Packager.....	30	2.48	21	27
Alteration Tailor.....	10	0.83	33	13
All Other Skilled Craftsmen and Kindred Workers.....	20	1.65	na	na
Clerical Occupations.....	270	22.31	na	na
Counter Clerk.....	190	15.70	16	53
General Clerk.....	30	2.48	15	29
Payroll and/or Timekeeping Clerk...	20	1.65	23	22
All Other Office Clerical Workers..	20	1.65	na	na
Plant Clerical Workers.....	10	0.83	na	na
Sales Occupations.....	10	0.83	na	na

MISCELLANEOUS BUSINESS SERVICES

SIC 73

This major group includes establishments rendering services not elsewhere classified to business enterprises on a fee or contract basis. Some examples of businesses in this group are: advertising agencies; consumer credit and mercantile reporting agencies; duplicating, mailing, and stenographic services; services to buildings; private employment agencies; etc.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	2,910	100.00	na	na
Managers and Officers.....	400	13.75	12	74
Professional Occupations.....	170	5.84	na	na
Engineers.....	10	0.34	na	na
Purchasing Agent and/or Buyer.....	10	0.34	42	4
Accountant and Auditor.....	20	0.69	30	8
Media Buyer.....	10	0.34	25	4
Commercial Artist.....	30	1.03	24	4
All Other Professional Workers....	90	3.09	na	na
Technical Occupations.....	20	0.69	na	na
Service Occupations.....	1,050	36.08	na	na
Janitor, Porter, and Cleaner.....	560	19.24	11	32
Guard, Watchman, and Doorkeeper...	460	15.81	16	16
All Other Service Workers.....	30	1.03	na	na
Maintenance and Production Occupations.....	610	20.96	na	na
Foreman, Nonworking.....	30	1.03	25	11
Mechanics and Repairmen.....	100	3.44	na	na
Developer and/or Projection Printer.....	20	0.69	37	4
All Other Dark Room Workers.....	30	1.03	na	na
Truck Driver.....	20	0.69	31	5
Deliveryman and Routeman.....	120	4.12	20	5
All Other Skilled Craftsmen and Kindred Workers.....	30	1.03	na	na
All Other Operatives and Semi- skilled Workers.....	70	2.41	na	na
All Other Laborers and Unskilled Workers.....	190	6.53	na	na
Clerical Occupations.....	570	19.59	na	na
Bookkeeper, Hand.....	40	1.37	20	13
Call-out Operator.....	20	0.69	36	4

SIC 73 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Collector.....	30	1.03	19	4
General Clerk.....	130	4.47	18	18
In-File Operator.....	20	0.69	20	4
Receptionist.....	10	0.34	35	8
Secretary.....	60	2.06	17	28
Switchboard Operator.....	150	5.15	35	9
Typist.....	10	0.34	26	7
All Other Office Clerical Workers..	90	3.09	na	na
Stock Clerk, Stockroom or Warehouse.....	10	0.34	46	4
Sales Occupations.....	90	3.09	na	na
Salesman.....	70	2.41	48	14
All Other Sales Workers.....	20	0.69	na	na

AUTO REPAIR, SERVICES, AND GARAGES

SIC 75

This major group includes establishments primarily engaged in furnishing automobile repair, rental, and storage services to the general public.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,860	100.00	na	na
Managers and Officers.....	240	12.90	6	65
Professional Occupations.....	20	1.08	na	na
Accountant and Auditor.....	10	0.54	23	7
All Other Professional Workers.....	10	0.54	na	na
Service Occupations.....	20	1.08	na	na
Janitor, Porter, and Cleaner.....	20	1.08	20	8
Maintenance and Production Occupations.....	1,300	69.89	na	na
Foreman, Nonworking.....	50	2.69	13	18
Mechanic, Automotive.....	270	14.52	10	42
Body Repairman, Automotive.....	190	10.21	13	31
Mechanic, Diesel.....	80	4.30	20	8
All Other Mechanics and Repairmen..	20	1.08	na	na
Truck Driver.....	20	1.08	42	3
Cleaner, Vehicle.....	110	5.91	20	12
Machinist.....	30	1.61	38	5
Maintenance Man, General Utility...	20	1.08	23	6
Trades Helper.....	40	2.15	21	13
Painter, Automotive.....	70	3.76	19	17
Parking Lot Attendant.....	20	1.08	39	3
Tire Fabricator and/or Repairer....	180	9.68	10	5
Welder and Flamecutter.....	20	1.08	42	4
Lubrication Man and/or Fuel Pump Attendant.....	60	3.23	33	9
All Other Skilled Craftsmen and Kindred Workers.....	10	0.54	na	na
All Other Operatives and Semi-skilled Workers.....	100	5.38	na	na
All Other Laborers and Unskilled Workers.....	10	0.54	na	na
Clerical Occupations.....	240	12.90	na	na
Accounting Clerk.....	10	0.54	29	5

SIC 75 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Bookkeeper, Hand.....	60	3.23	11	28
Car Rental Clerk.....	30	1.61	25	6
Cashier.....	30	1.61	27	3
General Clerk.....	80	4.30	10	19
Receptionist.....	10	0.54	23	6
Secretary.....	10	0.54	27	6
Stock Clerk, Stockroom or Ware- house.....	10	0.54	31	5
Sales Occupations.....	40	2.15	na	na
Salesman.....	40	2.15	19	8

AUTOMOBILE REPAIR SHOPS

SIC 753

This group includes units primarily engaged in automobile repair including top and body repair shops, tire retreading and repair shops, paint shops, and general or specialized automobile repair shops.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,330	100.00	na	na
Managers and Officers.....	160	12.03	6	63
Professional Occupations.....	10	0.75	na	na
Accountant and Auditor.....	10	0.75	23	9
Service Occupations.....	20	1.50	na	na
Janitor, Porter, and Cleaner.....	20	1.50	25	8
Maintenance and Production Occupations.....	960	72.18	na	na
Foreman, Nonworking.....	30	2.26	14	19
Mechanic, Automotive.....	260	19.55	11	53
Body Repairman, Automotive.....	190	14.29	13	42
Mechanic, Diesel.....	20	1.50	44	5
All Other Mechanics and Repairmen..	20	1.50	na	na
Truck Driver.....	20	1.50	42	4
Machinist.....	20	1.50	38	6
Maintenance Man, General Utility...	20	1.50	21	6
Trades Helper.....	40	3.01	21	18
Painter, Automotive.....	70	5.26	19	23
Tire Fabricator and/or Repairer....	180	13.53	27	6
Welder and Flamecutter.....	20	1.50	42	5
Lubrication Man and/or Fuel Pump Attendant.....	10	0.75	40	4
All Other Skilled Craftsmen and Kindred Workers.....	10	0.75	na	na
All Other Operatives and Semi-skilled Workers.....	30	2.26	na	na
All Other Laborers and Unskilled Workers.....	20	1.50	na	na
Clerical Occupations.....	160	12.03	na	na
Accounting Clerk.....	10	0.75	40	4
Bookkeeper, Hand.....	60	4.51	11	38
General Clerk.....	60	4.51	10	19

SIC 753 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Receptionist.....	10	0.75	37	4
Secretary.....	10	0.75	29	6
Stock Clerk, Stockroom or Warehouse.....	10	0.75	31	6
Sales Occupations.....	20	1.50	na	na
Salesman.....	20	1.50	18	9

MISCELLANEOUS REPAIR SERVICES

SIC 76

This major group includes establishments engaged in miscellaneous repair services such as electrical repair shops; watch, clock, and jewelry repair shops; reupholstery and furniture repair shops; etc.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	610	100.00	na	na
Managers and Officers.....	100	16.39	13	56
Technical Occupations.....	50	8.20	na	na
Engineering Technician.....	50	8.20	25	15
Service Occupations.....	10	1.64	na	na
Maintenance and Production Occupations.....	350	57.38	na	na
Mechanic, Automotive.....	10	1.64	46	8
Electric-Motor Repairman.....	80	13.11	15	8
Television and Radio Serviceman and Repairman.....	20	3.28	48	8
All Other Mechanics and Repairmen..	20	3.28	na	na
Sewing Machine Operator, Regular Equipment, Nongarment.....	10	1.64	33	8
Welder and Flamecutter.....	70	11.48	30	18
Furniture Finisher.....	20	3.28	38	8
Furniture Upholsterer.....	60	9.84	13	26
All Other Skilled Craftsmen and Kindred Workers.....	30	4.92	na	na
All Other Operatives and Semi- skilled Workers.....	10	1.64	na	na
Laborers and Unskilled Workers.....	20	3.28	na	na
Clerical Occupations.....	80	13.11	na	na
Bookkeeper, Hand.....	30	4.92	17	24
General Clerk.....	20	3.28	20	12
Secretary.....	20	3.28	24	14
Shipping and Receiving Clerk.....	10	1.64	22	7
Sales Occupations.....	20	3.28	na	na
Salesman.....	20	3.28	23	9

MOTION PICTURE THEATERS

SIC 78

This major group includes establishments producing and distributing motion picture films and exhibiting motion pictures in commercially operated theaters.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	620	100.00	na	na
Managers and Officers.....	70	11.29	12	89
Service Occupations.....	150	24.19	na	na
Janitor, Porter, and Cleaner.....	60	9.68	14	83
Cook, Short Order.....	30	4.84	47	17
Usher, Lobby Man, Ticket Taker and/or Drive-in Theater Attendant.	50	8.06	27	56
All Other Service Workers.....	10	1.61	na	na
Maintenance and Production Occupations.....	150	24.19	na	na
Motion Picture Projectionist.....	150	24.19	7	100
Clerical Occupations.....	100	16.13	na	na
Cashier.....	90	14.52	10	89
All Other Office Clerical Workers...	10	1.61	na	na
Sales Occupations.....	150	24.19	na	na
Sales Clerks.....	150	24.19	13	83

AMUSEMENT AND RECREATION SERVICES, EXCEPT MOTION PICTURES

SIC 79

This major group includes establishments whose primary function is to provide amusement or entertainment on payment of a fee or admission charge, except motion pictures.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,390	100.00	na	na
Managers and Officers.....	100	7.19	10	74
Professional Occupations.....	190	13.67	na	na
Accountant and Auditor.....	10	0.72	33	7
Musician, Instrumental.....	50	3.60	7	10
Public Relations Man.....	10	0.72	32	7
Sports Instructor.....	100	7.19	26	29
All Other Professional Workers....	20	1.44	na	na
Service Occupations.....	420	30.22	na	na
Foreman, Nonworking.....	10	0.72	34	9
Janitor, Porter, and Cleaner.....	60	4.32	na	na
Guard, Watchman, and Doorkeeper...	10	0.72	39	5
Bartender.....	30	2.16	22	14
Bus Boy.....	20	1.44	41	7
Kitchen Helper.....	40	2.88	27	14
Waiter and/or Waitress.....	60	4.32	26	14
Cook, Short Order.....	20	1.44	21	17
Cook, Restaurant.....	20	1.44	34	9
Child Care Attendant.....	10	0.72	16	9
Recreation Facility Attendant.....	120	8.63	22	19
All Other Service Workers.....	20	1.44	na	na
Maintenance and Production Occupations.....	260	18.70	na	na
Pinsetter Mechanic, Automatic.....	20	1.44	11	17
Maintenance Man, General Utility..	100	7.19	17	40
Parking Lot Attendant.....	40	2.88	25	5
Pinchaser.....	20	1.44	15	29
Gardener and Groundskeeper.....	70	5.04	26	19
All Other Skilled Craftsmen and Kindred Workers.....	10	0.72	na	na
Clerical Occupations.....	390	28.06	na	na
Clerical Supervisor.....	10	0.72	40	5
Bookkeeper, Hand.....	20	1.44	18	26
Cashier.....	240	17.27	33	21

SIC 79 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Deskman, Bowling Floor.....	80	5.76	8	31
General Clerk.....	20	1.44	23	14
Secretary.....	10	0.72	17	12
All Other Office Clerical Workers.	10	0.72	na	na
Sales Occupations.....	30	2.16	na	na
Sales Clerk.....	20	1.44	36	7
All Other Sales Workers.....	10	0.72	na	na

MEDICAL AND OTHER HEALTH SERVICES, EXCEPT HOSPITALS

SIC 80 except SIC 806

This major group includes establishments, except hospitals, primarily engaged in furnishing medical, surgical, and other health services to persons such as offices of physicians, surgeons, dentists, osteopathic physicians, chiropractors, medical and dental laboratories, sanatoria, convalescent and rest homes, and clinics.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	9,820	100.00	na	na
Managers and Officers.....	500	5.09	9	55
Professional Occupations.....	1,590	16.19	na	na
Psychologist.....	10	0.10	46	3
Accountant and Auditor.....	30	0.31	23	9
Case Worker.....	60	0.61	32	9
Dentist.....	150	1.53	13	17
Dietitian and/or Nutritionist.....	60	0.61	8	23
Registered Nurse.....	740	7.54	8	54
Occupational Therapist.....	20	0.20	19	6
Physical Therapist.....	30	0.31	12	10
Physician and/or Surgeon.....	390	3.97	15	21
Manual-Arts, Music and/or Recreational Therapist.....	70	0.71	13	19
All Other Professional Workers....	30	0.31	na	na
Technical Occupations.....	1,230	12.53	na	na
Dental Assistant.....	390	3.97	8	18
Licensed Practical Nurse.....	370	3.77	6	43
Physician's Assistant.....	30	0.31	38	4
X-Ray Technician.....	50	0.51	39	4
Dental Hygienist.....	240	2.44	9	18
Medical Laboratory Technologist...	40	0.41	41	3
Medical Laboratory Assistant.....	60	0.61	32	3
All Other Technical Workers.....	50	0.51	na	na
Service Occupations.....	4,780	48.68	na	na
Maid.....	320	3.26	9	32
All Other Janitors, Porters, and Cleaners.....	250	2.55	11	41
Guard, Watchman, and Doorkeeper...	10	0.10	49	2
Kitchen Helper.....	60	0.61	18	5
Waiter and/or Waitress.....	290	2.95	8	18
Cook, Institutional.....	360	3.67	7	42
All Other Food Service Workers....	30	0.31	na	na

SIC 80 except SIC 806 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Housekeeper.....	180	1.83	9	30
Nurse Aide and/or Orderly.....	3,100	31.57	3	46
Medical Assistant.....	170	1.73	21	12
All Other Service Workers.....	10	0.10	na	na
Maintenance and Production Occupations.....	360	3.67	na	na
Washer, Machine and/or Starcher...	120	1.22	11	22
Presser Machine, Laundry.....	40	0.41	21	8
Optician, Dispensing and/or Optical Mechanic.....	60	0.61	43	3
Gardener and Groundskeeper.....	40	0.41	16	11
All Other Skilled Craftsmen and Kindred Workers.....	60	0.61	na	na
All Other Operatives and Semi- skilled Workers.....	30	0.31	na	na
All Other Laborers and Unskilled Workers.....	10	0.10	na	na
Clerical Occupations.....	1,350	13.75	na	na
Clerical Supervisor.....	30	0.31	43	5
Bookkeeping and Billing Machine Operator.....	30	0.31	38	2
Bookkeeper, Hand.....	210	2.14	15	31
File Clerk.....	40	0.41	40	3
General Clerk.....	60	0.61	22	15
Insurance Clerk, Medical.....	70	0.71	30	6
Receptionist.....	270	2.75	18	26
Secretary.....	480	4.89	11	38
Switchboard Operator-Receptionist.	40	0.41	40	5
Typist.....	90	0.92	22	10
All Other Office Clerical Workers.	30	0.31	na	na
Sales Occupations.....	10	0.10	na	na

HEALTH AND ALLIED SERVICES, N.E.C.

SIC 809

This group includes primarily institutions such as sanatoria, convalescent homes, and rest homes in which medical or surgical services are not a main function. Also included in this group are clinics and dispensaries not operated by hospitals, blood donor stations, birth control clinics, registered optometrists, podiatrists, group health associations, and trained and practical nurses.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	6,600	100.00	na	na
Managers and Officers.....	420	6.36	10	91
Professional Occupations.....	740	11.21	na	na
Accountant and Auditor.....	30	0.45	23	19
Case Worker.....	40	0.61	36	16
Dietitian and/or Nutritionist.....	60	0.91	8	43
Registered Nurse.....	430	6.52	8	78
Occupational Therapist.....	20	0.30	19	11
Physical Therapist.....	30	0.45	12	19
Physician and/or Surgeon.....	30	0.45	41	10
Manual-Arts, Music and/or Recreational Therapist.....	70	1.06	13	38
All Other Professional Workers....	30	0.45	na	na
Technical Occupations.....	340	5.15	na	na
Licensed Practical Nurse.....	330	5.00	6	78
All Other Technical Workers.....	10	0.15	na	na
Service Occupations.....	4,460	67.58	na	na
Maid.....	260	3.94	8	53
All Other Janitors, Porters, and Cleaners.....	160	2.42	9	65
Guard, Watchman, and Doorkeeper...	10	0.15	49	4
Kitchen Helper.....	60	0.91	18	10
Waiter and/or Waitress.....	290	4.39	8	35
Cook, Institutional.....	360	5.45	7	83
All Other Food Service Workers....	30	0.45	na	na
Housekeeper.....	180	2.73	9	59
Nurse Aide and/or Orderly.....	3,100	46.97	3	90
All Other Service Workers.....	10	0.15	na	na

SIC 809 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
Maintenance and Production				
Occupations.....	280	4.24	na	na
Washer, Machine and/or Starcher....	120	1.82	11	43
Presser Machine, Laundry.....	40	0.61	21	16
Gardener and Groundskeeper.....	40	0.61	16	21
Skilled Craftsmen and Kindred				
Workers.....	60	0.91	na	na
All Other Operatives and Semi- skilled Workers.....	10	0.15	na	na
All Other Laborers and Unskilled Workers.....	10	0.15	na	na
Clerical Occupations.....	360	5.45	na	na
Clerical Supervisor.....	30	0.45	43	10
Bookkeeper, Hand.....	70	1.06	27	36
General Clerk.....	60	0.91	23	27
Receptionist.....	70	1.06	50	19
Secretary.....	90	1.36	33	27
Switchboard Operator-Receptionist..	10	0.15	18	5
All Other Office Clerical Workers..	30	0.45	na	na

LEGAL SERVICES

SIC 811

This major group includes establishments engaged in offering legal advice or legal services on a contract or fee basis, the head or heads of which are usually members of the bar.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,440	100.00	na	na
Managers and Officers.....	40	2.78	30	19
Professional Occupations.....	450	31.25	na	na
Law Clerk.....	30	2.08	23	16
Lawyer.....	330	22.92	7	75
Paralegal Personnel.....	90	6.25	16	33
Service Occupations.....	50	3.47	na	na
Janitor, Porter, and Cleaner.....	50	3.47	20	25
Clerical Occupations.....	900	62.50	na	na
Bookkeeping and Billing Machine Operator.....	10	0.69	43	6
Stenographer.....	40	2.78	37	9
Accounting Clerk.....	10	0.69	31	9
Bookkeeper, Hand.....	40	2.78	16	33
File Clerk.....	20	1.39	33	11
Receptionist.....	30	2.08	22	19
Secretary.....	700	48.61	4	97
Switchboard Operator-Receptionist.....	40	2.78	17	30
Typist.....	10	0.69	41	8

MUSEUMS AND ART GALLERIES

SIC 841

This group includes art galleries and museums.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	100	100.00	na	na
Managers and Officers.....	10	10.00	12	100
Professional Occupations.....	20	20.00	na	na
Technical Occupations.....	10	10.00	na	na
Service Occupations.....	20	20.00	na	na
Maintenance and Production Occupations.....	20	20.00	na	na
Maintenance Man, General Utility..	10	10.00	25	60
Laborers and Unskilled Workers....	10	10.00	na	na
Clerical Occupations.....	20	20.00	na	na
Bookkeeper, Hand.....	10	10.00	13	80
Secretary.....	10	10.00	16	60

NONPROFIT MEMBERSHIP ORGANIZATIONS

SIC 86

This major group includes organizations operating on a nonprofit membership basis for the promotion of the interests of the members. Included are such organizations as trade associations; professional membership organizations; labor unions and similar labor organizations; and political, charitable, and religious organizations.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	4,820	100.00	na	na
Managers and Officers.....	1,000	20.75	5	92
Professional Occupations.....	760	15.77	na	na
Social Scientist.....	10	0.21	44	3
Teacher, Preschool or Kindergarten.....	170	3.53	15	17
Case Worker.....	240	4.98	17	17
Writer and/or Editor.....	20	0.41	30	6
Registered Nurse.....	80	1.66	21	9
Public Relations Man.....	30	0.62	38	7
Group Recreation Worker.....	80	1.66	9	8
All Other Professional Workers.....	130	2.70	na	na
Technical Occupations.....	20	0.41	na	na
Service Occupations.....	1,320	27.39	na	na
Maid.....	40	0.83	19	21
All Other Janitors, Porters, and Cleaners.....	160	3.32	13	91
Bartender.....	190	3.94	16	18
Kitchen Helper.....	10	0.21	26	5
Waiter and/or Waitress.....	50	1.04	17	6
Cook, Restaurant.....	10	0.21	17	5
Cook, Institutional.....	100	2.07	11	17
Nurse Aide and/or Orderly.....	30	0.62	44	3
Recreation Facility Attendant.....	80	1.66	27	7
Child Care Worker.....	140	2.90	16	13
Social Service Aide.....	350	7.26	13	20
All Other Service Workers.....	160	3.32	na	na
Maintenance and Production Occupations.....	780	16.18	na	na
Bus Driver.....	170	3.53	11	16
Carpenter.....	60	1.24	30	4
Maintenance Man, General Utility...	50	1.04	16	12
Painter.....	40	0.83	27	6

SIC 86 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
All Other Skilled Craftsmen and Kindred Workers.....	10	0.21	na	na
All Other Operatives and Semi- skilled Workers.....	140	2.90	na	na
Laborers and Unskilled Workers.....	310	6.43	na	na
Clerical Occupations.....	920	19.09	na	na
Stenographer.....	20	0.41	39	5
Accounting Clerk.....	20	0.41	19	12
Bookkeeper, Hand.....	80	1.66	12	37
File Clerk.....	30	0.62	29	7
General Clerk.....	110	2.28	18	27
Payroll and/or Timekeeping Clerk...	20	0.41	30	7
Receptionist.....	40	0.83	14	17
Secretary.....	260	5.39	8	51
Switchboard Operator.....	20	0.41	8	4
Switchboard Operator-Receptionist..	30	0.62	14	12
Typist.....	80	1.66	14	20
Teacher Aide and/or Educational Assistant.....	170	3.53	14	13
All Other Office Clerical Workers..	20	0.41	na	na
Plant Clerical Workers.....	20	0.41	na	na
Sales Occupations.....	20	0.41	na	na

CIVIC AND SOCIAL ASSOCIATIONS

SIC 864

This group includes nonprofit membership organizations engaged in civic, social, or fraternal activities. Excluded are golf and country clubs and insurance offices maintained by fraternal organizations.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establishments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	1,210	100.00	na	na
Managers and Officers.....	250	20.66	9	83
Professional Occupations.....	140	11.57	na	na
Teacher, Preschool or Kindergarten.	30	2.48	23	7
Group Recreation Worker.....	80	6.61	9	17
All Other Professional Workers.....	30	2.48	na	na
Service Occupations.....	550	45.45	na	na
Maid.....	20	1.65	14	17
All Other Janitors, Porters, and Cleaners.....	110	9.09	17	61
Bartender.....	190	15.70	16	43
Waiter and/or Waitress.....	50	4.13	17	15
Cook, Restaurant.....	10	0.83	8	9
All Other Food Service Workers.....	10	0.83	na	na
Recreation Facility Attendant.....	80	6.61	27	17
Social Service Aide.....	20	1.65	7	7
All Other Service Workers.....	60	4.96	na	na
Maintenance and Production Occupations.....	80	6.61	na	na
Bus Driver.....	40	3.31	7	9
Painter.....	20	1.65	42	9
All Other Skilled Craftsmen and Kindred Workers.....	20	1.65	na	na
Clerical Occupations.....	190	15.70	na	na
Accounting Clerk.....	10	0.83	32	9
Bookkeeper, Hand.....	30	2.48	18	33
General Clerk.....	40	3.31	20	30
Payroll and/or Timekeeping Clerk...	10	0.83	47	7
Receptionist.....	20	1.65	25	22
Secretary.....	50	4.13	15	35
Switchboard Operator-Receptionist..	10	0.83	9	7
Typist.....	10	0.83	38	11
All Other Office Clerical Workers..	10	0.83	na	na

MISCELLANEOUS SERVICES

SIC 89

This major group includes establishments engaged in performing services not elsewhere classified such as those rendered by engineers, architects, accountants, artists, lecturers, and writers. This major group also includes nonprofit educational and scientific research agencies.

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
TOTAL ALL OCCUPATIONS.....	2,790	100.00	na	na
Managers and Officers.....	290	10.39	6	65
Professional Occupations.....	910	32.62	na	na
Civil Engineer.....	90	3.23	12	21
Electrical Engineer.....	30	1.08	32	10
Mechanical Engineer.....	20	0.72	15	11
All Other Engineers.....	60	2.15	na	na
Accountant and Auditor.....	350	12.54	8	29
Architect.....	60	2.15	19	14
Designer.....	10	0.36	35	7
Tax Preparer.....	90	3.23	9	10
All Other Professional Workers....	200	7.17	na	na
Technical Occupations.....	480	17.20	na	na
Computer Programmer, Business.....	20	0.72	24	10
Computer Programmer, Scientific and Technical.....	10	0.36	4	5
Draftsman.....	200	7.17	6	39
Surveyor.....	110	3.94	12	26
All Other Engineering Technicians..	60	2.15	na	na
All Other Technical Workers.....	80	2.87	na	na
Service Occupations.....	60	2.15	na	na
Janitor, Porter, and Cleaner.....	40	1.43	12	18
All Other Service Workers.....	20	0.72	na	na
Maintenance and Production Occupations.....	360	12.90	na	na
Mechanics and Repairmen.....	10	0.36	na	na
Blueprinting Machine Operator.....	10	0.36	11	4
Carpenter.....	20	0.72	4	4
Maintenance Man, General Utility..	10	0.36	27	7
Chainman, Rodman and/or Light Keeper.....	90	3.23	13	20
All Other Skilled Craftsmen and Kindred Workers.....	30	1.08	na	na

SIC 89 (cont.)

Occupation	Estimated Employment	% of Total Empl.	Relative Error (%)	% of Establish- ments Reporting the Occupation
All Other Operatives and Semi- skilled Workers.....	70	2.51	na	na
Laborers and Unskilled Workers....	120	4.30	na	na
Clerical Occupations.....	680	24.37	na	na
Clerical Supervisor.....	10	0.36	17	7
Computer Operator.....	30	1.08	15	7
Keypunch Operator.....	50	1.79	na	na
All Other Office Machine Operators.....	40	1.43	4	4
Stenographer.....	20	0.72	31	13
Accounting Clerk.....	20	0.72	30	10
Bookkeeper, Hand.....	40	1.43	18	23
File Clerk.....	10	0.36	4	4
General Clerk.....	160	5.73	10	36
Mail Clerk.....	10	0.36	12	5
Payroll and/or Timekeeping Clerk..	10	0.36	19	6
Receptionist.....	20	0.72	20	14
Secretary.....	120	4.30	8	51
Switchboard Operator-Receptionist.	20	0.72	27	14
Typist.....	70	2.51	10	27
All Other Office Clerical Workers.	50	1.79	na	na
Sales Occupations.....	10	0.36	na	na
Salesman.....	10	0.36	19	4

NOTES ABOUT THE TABLES

Estimated Employment

If only one or two establishments reported a particular occupation, the occupational estimate is not shown separately, but added to the appropriate "All Other" category. The "total all occupations" estimate for each industry is based on a benchmark figure derived from the second quarter 1975 report of Employment, Wages, and Contributions covered by the Maine Employment Security Law.

Percent of Total Employment

Details in this column may not add to totals due to rounding.

Relative Error

The relative error was computed only for specific occupations and not for residual categories nor for occupational groupings. If the relative error of an occupation exceeded 50 percent, the employment for that occupation was added to the residual category that was relevant to it. The relative error relates to the actual estimate before rounding. For an example of how the relative error is applied, see Accuracy of Occupational Employment Data in the METHODOLOGY.

Percent of Establishments Reporting the Occupation

The percent of establishments reporting each occupation could not be readily calculated for groups of occupations, but only for specific occupations

Abbreviations

na - not applicable

N.E.C. - Not Elsewhere Classified

Empl. - Employment

METHODOLOGY

The Sample

The first quarter 1974 report of Employment, Wages, and Contributions covered by the Maine Employment Security Law was used as the sampling frame for most of the Occupational Employment Statistics (OES) survey of nonmanufacturing establishments, other than trade, government, hospitals, regulated industries, and educational services, which were not included in this survey. The frame was stratified by three-digit Standard Industrial Classifications (SIC) and by nine employment size classes as of the month of March. One exception was SIC 70--Hotels, Rooming Houses, Camps, and Other Lodging Places--for which the employment for the month of June was used, as several units with large June employment were not yet operating during the first quarter of the year. Any unit with 50 or more employees was automatically included in the sample with ever smaller proportions of firms from the smaller size classes. Each unit was given a weight according to the proportion of establishments which was drawn from each size class.

The universe for this survey was 10,752 establishments employing a total of 67,713 workers. Of this, the sample included 2,328 units, or 21.7 percent of the universe. These sample units employed 47,871 persons accounting for 70.7 percent of the total universe employment.

The Survey

The survey consisted of an initial mailing and two follow-up mailings to non-respondents. In addition, phone calls and many personal visits were made to those employers whose responses were critical for valid estimates. Usable responses were received from 1,980 units, or 85.1 percent of the 2,328 sampled units. These responses represented 41,912 employees, or 87.6 percent of the total sampled employment.

The Estimating Procedure

All usable employer questionnaires were separated into seven employment size groups, by industry. The reported total employment and occupational employment on each questionnaire was multiplied by the weight which was assigned to it during the sample selection. These data were then tied into the universe employment for the report month of April, May, or June depending on the industry. These universe, or benchmark, figures came from the second quarter 1975 ES-202 report of Employment, Wages, and Contributions covered by the Maine Employment Security Law. The total survey data by size class, by industry, were divided into the universe data for corresponding size and industry classes. This produced benchmark factors which were applied to the occupational data, thus accounting for the nonresponse to our OES survey. These occupational estimates were then summed across size classes to industry totals, and rounded to the nearest 10. The percent of occupational distribution for each industry was then calculated.

Accuracy of Occupational Employment Data

There are two types of errors which affect the accuracy of the estimates published here--sampling and nonsampling errors. Sampling error is a specific arithmetic measure of the precision of an estimate. It is the difference between the estimate computed from the sample and the result that would be obtained if the same methods were used to collect identical information from the entire population or universe. The relative error entries listed in this report are the sampling errors of each occupation expressed as a percent of that occupational estimate. In other words, relative error means that the chances are two out of three (a 68 percent confidence level) that the results of a comparable full-scale data collection (the universe) using the same survey approach would not differ by more than the percent error shown. The chances are 19 out of 20 (a 95 percent confidence level) that the results would not differ by more than twice the percent error shown. For example, it is estimated in this report that there are 590 electricians in SIC 173--Electrical Work. The relative error shown is 5 percent. Thus, at a 68 percent confidence level, it is assured that the results of a full-scale count of electricians in that industry would not differ by more than 30. At a 95 percent confidence level, the universe count would not differ by more than 10 percent of 590, or 59 electricians.

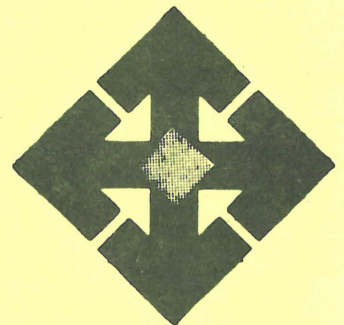
The nonsampling error results from external factors in a survey rather than from the fact that a sampling technique was used. Examples of these errors are: response errors; processing errors; computational errors; nonresponses, if they are unlike responses; etc. The possibility of these errors was recognized from the start of the survey and every effort was made to exercise proper control to avoid them.

EMPLOYMENT SECURITY COMMISSION

LOCAL OFFICE DIRECTORY AND JOB SERVICE MANAGERS

<u>LOCATION</u>	<u>MANAGER</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Augusta	Robert R. Saindon	73 Winthrop Street	289-2601
Bangor	James H. Barrett	324 Harlow Street	945-6434
Bath	G. David Hill	180 Front Street	443-5536
Biddeford	Richard A. Hodgdon	64 Alfred Street	284-5991
Calais	Everett Webb	171 Main Street	454-7551
Ellsworth	Fulton B. Weed	75 Washington Street	667-2554
Lewiston	Paul E. Belanger	522 Lisbon Street	783-9171
Portland	Gary E. Whitney	307 Cumberland Avenue	775-4141
Presque Isle	Eugene Bradbury	60 State Street	764-0351
Rockland	Elson B. Race	235 Park Street	594-9551
Rumford	Ralph W. Robbins	35 Congress Street	364-3716
Sanford	Harry M. Huff	63 Main Street	324-5460
Skowhegan	Richard E. Nickerson	114 Madison Avenue	474-5111
Waterville	Warren Maxim	28 College Avenue	872-5513

The perceptual movement of the figure illustrates the two facets of research. Viewed one way, the four small arrows pointing to the central square represent the varied inputs to a research project. Viewed another way, the four large arrows pointing outward represent the widespread dissemination of the results of research.



Manpower Research Division

For further information regarding this report, please call 207-289-2271